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| *EXAMINER<br>INITIAL        |     | DOCUMENT NUMBER               | DATE               |                            | NAME                              | CLAS         | S SUBCLASS                            |       | DATE<br>OPRIATE |
| Kh                          | AA  | 6,073,190                     | 6/6/00             | Rooney                     |                                   | 710          | 56                                    |       |                 |
| ide                         | AB  | 6,243,769                     | 6/5/01             | Rooney                     |                                   | 710          | 56                                    |       |                 |
| ·<br>                       | AC  |                               |                    |                            |                                   |              |                                       |       |                 |
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Sheet <u>1</u> of <u>2</u> FORM PTO-1449 ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE APPLICATION NO. (REV.7-80) PATENT AND TRADEMARK OFFICE 501191.01 10/601,253 APPLICANT(S) FORMATION DISCLOSURE STATEMENT Joseph M. Jeddeloh et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT June 20, 2003 2824 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER \*EXAMINER DATE NAME CLASS SUBCLASS FILING DATE INITIAL IF APPROPRIATE idh 5,251,303 10/05/93 Fogg, Jr. et al. 395 275 5,432,907 07/11/95 Picazo, Jr. et al. 395 AB 200 5,442,770 08/15/95 **Barratt** AC 395 403 5,497,476 Oldfield et al. 03/05/96 395 ΑD 439 5,659,798 08/19/97 ΑE Blumrich et al. 395 846 5,875,352 02/23/99 Gentry et al. 395 843 6,061,263 05/09/00 Boaz et al. AG 365 51 6,105,075 08/15/00 Ghaffari 5 ΛН 710 6,137,709 10/24/00 Boaz et al. 365 51 ΑI 6,144,587 11/07/00 Yoshida ΑJ 365 189.05 6,167,465 12/26/00 Parvin et al. ΑK 710 22 12/26/00 6,167,486 Lee et al. 711 ΑL 120 6,201,724 B1 03/13/01 Ishizaki et al. 365 AM 49 AN 6,233,376 B1 05/15/01 Updegrove 385 14 6,285,349 B1 09/04/01 Smith ΑO 345 147 6,301,637 B1 10/09/01 ΑP Krull et al. 711 112 AQ 6,327,642 B1 12/04/01 Lee et al. 711 120 6,330,205 B2 12/11/01 Shimizu et al. AR 365 230.06

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Cai et al.

Jonsson et al.

Bates et al.

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ATTY. DOCKET NO. 501191.01

APPLICATION NO. 10/601,253

APPLICANT(S)

Joseph M. Jeddeloh et al.

FILING DATE
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| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER               | DATE                                    | NAME  | CLASS            | SUBCLASS          | 1      | DATE   |
| 64                   | AW | 6,373,777 B1                  | 04/16/02                                | Suzuki  | 365              | 230.03            |        |        |
| 1                    | AX | 6,381,190 B1                  | 04/30/02                                | Shinkai   | 365              | 230.03            |        |        |
|                      | AY | 6,421,744 B1                  | 07/16/02                                | Morrison et al.   | 710              | 22                |        |        |
|                      | AZ | 6,434,639 B1                  | 08/13/02                                | Haghighi  | 710              | 39                |        |        |
|                      | ВА | 6,463,059 B1                  | 10/08/02                                | Movshovich et al.   | 370              | 389               |        |        |
|                      | вв | 6,470,422 B2                  | 10/22/02                                | Cai et al.  | 711              | 129               |        |        |
|                      | вс | 6,473,828 B1                  | 10/29/02                                | Matsui  | 711              | 104               |        |        |
|                      | BD | 6,477,614 B1                  | 11/05/02                                | Leddige et al.  | 711              | 5                 |        |        |
|                      | BE | 6,477,621 B1                  | 11/05/02                                | Lee et al.  | 711              | 120               |        |        |
|                      | BF | 6,496,909 B1                  | 12/17/02                                | Schimmel  | 711              | 163               |        |        |
|                      | BG | 6,505,287 B2                  | 01/07/03                                | Uematsu   | 711              | 170               |        |        |
|                      | вн | 6,539,490 B1                  | 03/25/03                                | Forbes et al.   | 713              | 401               |        |        |
|                      | BI | 6,552,564 B1                  | 04/22/03                                | Forbes et al.   | 326              | 30                |        |        |
|                      | BJ | 6,587,912 B2                  | 07/01/03                                | Leddige et al.  | 711              | 5                 |        |        |
| 6                    | вк | 6,594,713 B1                  | 07/15/03                                | Fuoco et al.  | 710              | 31                |        |        |
| 622                  | BL | 2002/0112119 A1               | 08/15/02                                | Halbert et al.  | 711              | 115               |        |        |
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| 11/                  | BN |                               |   | ynchronous DRAM Module 512N<br>DIMM, Micron Technology, Inc., |                  |                   | 168-PI | N      |
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APPLICANT(S) Joseph M. Jeddeloh et al.

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| *EXAMINER<br>INITIAL  |  | DOCUMENT NUMBER  | DATE       | NAME             |                                  | CLASS      |     | SUBCLASS    | FILING<br>IF APPRO |        |  |
| W   | AA   | 5,818,844  | 10/06/98   | Singh et al.     |                                  | 370        |     | 463         |                    |        |  |
| 1   | АB   | 6,272,609  | 08/07/01   | Jeddeloh         |                                  |            |     | 169         |                    |        |  |
|   | АC   | 6,477,592  | 11/05/02   | Chen et al.      |                                  |            |     | 52          |                    |        |  |
|   | ΑD   | 6,523,092  | 02/18/03   | Fanning          |                                  |            |     | 134         |                    |        |  |
|   | ΑE   | 6,523,093  | 02/18/03   | Bogin et al.     |                                  |            |     | 137         |                    |        |  |
|   | AF   | 6,622,227  | 09/16/03   | 3 Zumkehr et al. |                                  |            |     | 167         | •                  |        |  |
|   | AG   | 6,631,440  | 10/07/03   | Jenne et al.     |                                  |            |     | 105         |                    |        |  |
|   | ΑН   | 2002/0144064   | 10/03/02   | Fanning          |                                  | nning 711  |     | 144         |                    |        |  |
| <b>V</b>  | Al   | 2003/0005223   | 01/02/03   | Coulson e        | al. 711 118                      |            | 118 |             |                    |        |  |
| M   | AJ   | 2003/0229770   | 12/11/03   | Jeddeloh         |                                  | 711        |     | 213         |                    |        |  |
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| Intel, "Intel 840 Chipset: 82840 Memory Controller Hub (MCH)", Datasheet, October 1999, |  |  |            |                  |                                  |            |     |             |                    |        |  |
| 1th   | AP   | pp. 1-178.   | -          |                  |                                  |            |     |             |                    |        |  |
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APPLICATION NO. 10/601,253

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Joseph M. Jeddeloh et al.

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2824 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER DATE NAME CLASS **SUBCLASS** FILING DATE \*EXAMINER INITIAL IF APPROPRIATE 10/08/02 365 6,462,978 Shibata et al. 63 ΑB AC AD ΑE ΑF AG ΑH ΑI ΑJ ΑK AL AM AN ΑO ΑP AQ AR AS ΑT ΑU ۸V **EXAMINER** DATE CONSIDERED \* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

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| 1de                  | AA | 5,544,319       | 08/06/96   | Acton et a    | ol   | 395             | 200.07      |             |
| 1                    | AB | 5,822,255       | 10/13/98   | Uchida        |  | 365             | 194         |             |
|                      | AC | 5,875,454       | 02/23/99   | Craft et al   |  | 711             | 113         |             |
|                      | AD | 6,033,951       | 03/07/00   | Chao          |  | 438             | 253         |             |
|                      | AE | 6,079,008       | 06/20/00   | Clery, III    |  | 712             | 11          | ·<br>       |
|                      | AF | 6,186,400 B1    | 02/13/01   | Dvorkis e     | t al.                                      | 235             | 462.45      |             |
|                      | AG | 6,243,831 B1    | 06/05/01   | Mustafa e     | t al.                                      | 714             | 24          |             |
|                      | АН | 6,256,692 B1    | 07/03/01   | Yoda et a     | l  | 710             | 104         |             |
|                      | ΑI | 6,392,653 B1    | 05/21/02   | Malandaiı     | n et al.                                   | 345             | 501         |             |
|                      | AJ | 6,438,668 B1    | 08/20/02   | Esfahani e    | et al.                                     | 711             | 165         |             |
| 1                    | AK | 6,636,110 B1    | 10/21/03   | Ooishi et     | al.  | 327             | 565         |             |
| wh                   | AL | 6,681,292 B2    | 01/20/04   | Creta et a    | l  | 711             | 119         |             |
| · <del>-</del>       | AM |                 |            |               |  |                 |             |             |
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| Sh                   | AY | 6,125,431       | 09/26/00 | Kobayashi              | 711   | 154      |                |
| 1                    | AZ | 6,175,571 B1    | 01/16/01 | Haddock et al.         | 370   | 423      |                |
|                      | ВА | 6,185,352 B1    | 02/06/01 | Hurley                 | 385   | 114      |                |
|                      | вв | 6,247,107 B1    | 06/12/01 | Christie               | 711   | 216      |                |
|                      | вс | 6,256,692 B1    | 07/03/01 | Yoda et al.            | 710   | 104      |                |
|                      | BD | 6,294,937 B1    | 09/25/01 | Crafts et al.          | 327   | 158      |                |
|                      | BE | 6,370,068 B2    | 04/09/02 | Rhee                   | 365   | 196      |                |
|                      | BF | 6,401,213 B1    | 06/04/02 | Jeddeloh               | 713   | 401      |                |
|                      | BG | 6,430,696 B1    | 08/06/02 | Keeth                  | 713   | 503      |                |
|                      | вн | 6,434,696 B1    | 08/13/02 | Kang                   | 713   | 2        |                |
|                      | ві | 6,434,736 B1    | 08/13/02 | Schaecher et al.       | 716   | 17       |                |
|                      | ВЈ | 6,479,322 B2    | 11/12/02 | Kawata et al.          | 438   | 109      |                |
|                      | вк | 6,490,188 B2    | 12/03/02 | Nuxoll et al.          | 365   | 63       |                |
|                      | BL | 6,629,220 B1    | 09/30/03 | Dyer                   | 711   | 158      |                |
|                      | ВМ | 6,646,929 B1    | 11/11/03 | Moss et al.            | 365   | 194      |                |
|                      | BN | 6,662,304 B2    | 12/09/03 | Keeth et al.           | 713   | 400      |                |
|                      | во | 6,667,895 B2    | 12/23/03 | Jang et al.            | 365   | 63       |                |
|                      | ВР | 6,721,195 B2    | 04/13/04 | Brunelle et al.        | 365   | 63       |                |
|                      | BQ | 6,724,685 B2    | 04/20/04 | Braun et al.           | 365   | 233      |                |
|                      | BR | 6,735,679 B1    | 05/11/04 | Herbst et al.          | 711   | 167      |                |
| 4                    | BS | 6,745,275 B2    | 06/01/04 | Chang                  | 710   | 305      |                |
| (1)                  | ВТ | 6,751,703 B2    | 06/15/04 | Chilton                | 711   | 113      |                |
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Sheet 1 of 2 APPLICATION NO. U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. FORM PTO-1449 (REV.7-80) PATENT AND TRADEMARK OFFICE 10/601,253 501191.01 APPLICANT(S) INFORMATION DISCLOSURE STATEMENT Joseph M. Jeddeloh et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT 2824 June 20, 2003 MAR 0 7 2005 **U.S. PATENT DOCUMENTS** SUBCLASS **S**OCUMENT NUMBER CLASS FILING DATE DATE NAME IF APPROPRIATE 200 364 4,045,781 08/30/77 Levy et al. AA 364 200 Besemer et al. 4,240,143 12/16/80 ΑB 364 200 4,245,306 01/13/81 Besemer et al. AC 364 200 Bellamy et al. 4,253,144 02/24/81 ΑD 364 200 02/24/81 Bellamy et al. 4,253,146 ΑE 364 200 4,724,520 02/09/88 Athanas et al. ΑF 370 95.2 10/24/95 Rypinski AG 5,461,627 365 189.12 5,479,370 12/26/95 Furuyama et al. AН 395 405 5,729,709 03/17/98 Harness 471 395 11/03/98 Whittaker 5,832,250 ΑJ 105 10/12/99 711 5,966,724 Ryan AK 395 200.49 11/02/99 Rebane et al. 5,978,567 Saksena 709 219 02/08/00 6,023,726 6,076,139 06/13/00 Welker et al. 711 104 710 131 Burns et al. ΑO 6,134,624 10/17/00 02/20/01 333 17.3 Hannah 6,191,663 B1 709 200 6,249,802 B1 06/19/01 Richardson et al. AQ 105 711 06/11/02 6,405,280 B1 Ryan 08/20/02 Haghighi et al. 710 1 6,438,622 B1 375 212 09/10/02 Knight, Jr. et al. 6,449,308 B1 AΤ 711 154 6,453,393 B1 09/17/02 Holman et al.

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Venkataraman et al.

Willke, II et al.

Mailloux et al.

Vaid et al.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 501191.01

APPLICANT(S)

APPLICATION NO. 10/601,253

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Joseph M. Jeddeloh et al.

FILING DATE
June 20, 2003

GROUP ART UNIT 2824

|                      |      |                         |             |            |                   | June 20, 2003                  | 20                    | <u> </u>           | <del></del>        |          |
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|                      | BQ   |                         | i.          |            | <u> </u>          |                                |                       | <u> </u>           |                    | L        |
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. 501191.01

APPLICATION NO. 10/601,253

APPLICANT(S)

Joseph M. Jeddeloh et al.

FILING DATE June 20, 2003 GROUP ART UNIT 2824

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